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(71) Applicant (for all designated States except US): NOKIA NETWORKS OY [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SUNI, Mikko [FI/FI]; Servin Majjan tie 1 A, FIN-02150 Espoo (FI).

(74) Agents: PELLMANN, Hans-Bernd et al.; Tiedtke-Bühling-Kinne et al., Bavariaring 4, D-80336 München (DE).

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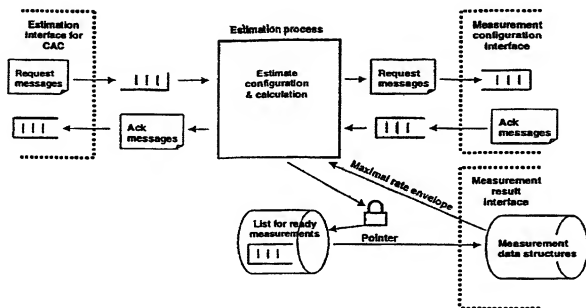
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(54) Title: A MEASUREMENT-BASED CONNECTION ADMISSION CONTROL (MBAC) DEVICE FOR A PACKET DATA NETWORK



(57) Abstract: The present invention proposes a measurement-based connection admission control device for a packet data network, comprising at least one measurement module adapted to measure packet data traffic in said packet data network and to output corresponding measurement results; at least one estimation module adapted to perform an estimation to obtain an estimated maximal rate envelope of traffic based on said measurement results, and an admission control module adapted to admit a requested new connection in said packet data network based on the estimated maximal rate envelope of traffic.